



Final SSIP1 Executive Summary
Upgrade Jarvis Middle School
Technology Infrastructure and Systems

January 25, 2017

Presented to Central Valley Central School District Board of Education



SSIP1 Executive Summary Overview



Smart Schools Bond Act (SSBA) Overview



Central Valley CSD Goals and Objectives



CVCSD Smart Schools Investment Plan (SSIP) 1:

Upgrade Jarvis Middle School Technology Infrastructure and Systems



Previous and Next Steps



Available Resources



Questions and Comments



Smart Schools Bond Act (SSBA) Overview



About the Smart Schools Bond Act of 2014



- The **Smart Schools Bond Act (SSBA)** was passed in the 2014 – 15 Enacted Budget and approved by the voters in a statewide referendum on Nov. 4, 2014.
- The SSBA authorized the issuance of **\$2 billion** of bonds to finance improved educational technology and infrastructure.
- The intent of the SSBA is to **improve current learning opportunities for NYS K12 students** as well as future employment potential in the 21st Century job market.

—continued—

About the Smart Schools Bond Act of 2014 (cont.)



- The SSBA provides funds for **three specific areas:**
 - Instructional technology including devices
 - Technology infrastructure & connected systems incl. high-tech Security features
 - Temporary classroom upgrades to permanent structures
- The SSBA requires that a Review Board review and approve districts' **Smart Schools Investment Plans (SSIPs)** before any funds are made available.
- SSIPs are developed by a **District's SSIP team** based on current conditions and the District's five-year objectives.
- **Central Valley Central School District** is eligible for **\$2,954,211.**



Central Valley CSD Central School District

CVCSD: Mission and Goals



Mission

The Central Valley Central School District will provide a relevant, progressive educational and social foundation to graduate all students as lifelong learners prepared for career and/or college.

Name:

Title:

Strategic Plan Implementation Year: 2016-17

Date:

IMPLEMENTATION OF THE CENTRAL VALLEY CENTRAL SCHOOL DISTRICT STRATEGIC PLAN

"The Central Valley Central School District will provide a relevant, progressive educational and social foundation to graduate all students as lifelong learners prepared for career and/or college."

A COMMITMENT FROM THE CENTRAL VALLEY BOARD OF EDUCATION

ACHIEVEMENT STRATEGIES

We will evaluate, align and pledge the school community, financial and physical resources necessary to achieve our strategic goals en route to our mission.

We will inspire students, staff and all other members of our community to embrace, commit to, and achieve our strategic goals en route to our mission.

We will communicate with and engage our school community to develop, implement and monitor our strategic plan and meet or exceed our goals.

FOCUS FOR SUCCESS

We will only accept, implement or continue programs or services that:

- are consistent with and contribute to our mission;
- are staffed and funded sufficiently;
- include an implementation plan with designated authority and accountability;
- are accompanied by the means to assess its effectiveness.



Strategic Plan: Focus For Success

We will only accept, implement or continue programs or services that:

- Are consistent with and contribute to our mission;
- Are staffed and funded sufficiently;
- Include an implementation plan with designated authority and accountability;
- Are accompanied by the means to assess its effectiveness.



District '16 - '17 Strategic Goals

1. By end of 2nd grade, literacy and numeracy skills of all students will be at or above grade level.
2. All students in grades 3 – 8 will be proficient on the state assessments.
3. All students will graduate with a Regents diploma with 50% achieving a Regents diploma with advanced designation.
4. All students will explore post-secondary careers aligned to his/her career plan which will be updated annually.

CVSD: Technology Goals



The Technology Committee has defined the following major technology goals for funding:

1 Upgrade Instructional Technology

- Goal 1.1:** Increase Student Computing Devices to 1:1
- Goal 1.2:** Upgrade Interactive Displays

2 Upgrade Technology Infrastructure

- Goal 2.1:** Upgrade Equipment Rooms and Cabling
- Goal 2.2:** Increase Backbone capacity from 1Gb to 10Gb

3 Expand Coverage & Redundancy

- Goal 3.1:** Upgrade Jarvis Network Electronics & Wireless Network
- Goal 3.2:** Improve Network Redundancy

4 Upgrade Distributed AV

- Goal 4.1:** Upgrade Overhead Paging & Master Clock Systems

5 Upgrade Security Systems

- Goal 5.1:** Modernize Video Surveillance Systems
- Goal 5.2:** Modernize Access Control & Intrusion Detection Systems

CVCSD Smart Schools Investment Plans



Each goal will require one (or more) individual technology plans based on funding sources.

This Smart Schools Investment Plan (SSIP)1 is to obtain **\$1,000,000** of the district's total Smart Schools Bond Act allocation of **\$2,954,221**.

Upon review and approval of SSIP1 by the NYSED, there will be an undesignated balance of **\$1,954,211 remaining** in the District's SSBA.



Central Valley CSD SSIP1

Upgrade Jarvis Middle School Technology Infrastructure and Systems

SSIP1: Upgrade Jarvis Infrastructure & Systems



Current Conditions

As part of the Jarvis Middle School Capital Project, the building has been completely gutted. All technology systems need to be replaced.

Recommended Jarvis MS Capital Project Technology System Replacements

- Upgrade Physical Infrastructure.
- Install Integrated Security Management System (ISMS) including Video Surveillance, Access Control and Intrusion Detection systems.
- Install new PA and Clock Systems that integrate with the ISMS.
- Coordinate upgrades with district capital project.



SSIP1: Upgrade Jarvis Infrastructure and Systems (cont.)

SSIP1 Total Funding

SSBA Categories	Technology Systems	Sub-Allocation \$ Amount
School Connectivity	Physical Infrastructure	\$823,241
High Tech Security	Integrated Security Management System	\$176,759
Total Estimated Cost		\$1,000,000

See details on next pages.



SSIP1: Upgrade Jarvis Infrastructure and Systems (cont.)

SSIP1 Physical Infrastructure

Items	Qty	Cost per Item	Total Cost
Jarvis MS Technology Room Improvements	3	\$12,988	\$38,964
Jarvis MS Communications Pathways	1	\$169,108	\$169,108
Jarvis MS Structured Cabling	1	\$295,386	\$295,386
Jarvis MS Fiber Optic Cabling	1	\$13,050	\$13,050
Temporary Facilities	1	\$10,000	\$10,000
Communications Services	1	\$10,000	\$10,000
Contingency and Incidentals	1	\$286,733	\$286,733
Total Physical Infrastructure Costs			\$823,241



SSIP1: Upgrade Jarvis Infrastructure and Systems (cont.)

SSIP1 Integrated Security Management System

Items	Qty	Cost per Item	Total Cost
Overhead Paging and Master Clock System	1	\$133,180	\$133,180
Video Surveillance System	1	\$31,039	\$31,039
Access Control System	1	\$8,990	\$8,990
Intrusion Detection	1	\$2,300	\$2,300
Lockdown Strobes	1	\$1,250	\$1,250
Total Integrated Security Management System Costs			\$176,759



Next Steps

SSIP1 Next Steps

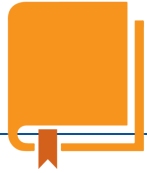


Date	Milestone
W, Nov. 16	SSIP1 Executive Summary Draft - Approved By Board [X]
Th, Nov. 17	SSIP1 Executive Summary Preliminary posted to district website for 30-day review [X]
W, Dec. 14	SSIP1 Plan Public Review meeting, 6:30pm in LGI prior to Board meeting [X]
W, Jan. 25	SSIP1 Executive Summary Final - Approved By Board [X]
M, Jan. 30	SSIP1 Submission to SSBA website
TBD	Design Documents Submitted to NYSED Facility Planning for review
TBD	Target Date to Start Bidding (pending NYSED Facility Planning Review)



Available Resources

Available Resources



CCSD Resources

- District Strategic Plan
- District Technology Plan
- District Comprehensive Technology Plan
- District 2016 Instructional Technology Plan update

NYS Resources

- Smart Schools Bond Act of 2014 Statute
- Smart Schools Bond Act FAQs
- Smart Schools Bond Act (SSBA) Guidance
- NYS State Education Dept. (SED) SSBA website



Questions and Discussion